

Alstron ALT Series Ultrasonic Cleaner provides a comprehensive range of units tailored for industrial part cleaning. Applications cover degreasing and removing contaminants from various components including marine vessels, aerospace parts, PCBs, machining parts, mechanical components (pre-coating or plating), optical parts, surgical instruments, 3D modeling, R&D, and more.

- Signature Frequency 168kHz for General Cleaning Applications
- Internal Tank - Stainless Steel SS316L, External Tank - SS304 Construction
- Adjustable Digital Timer for Ultrasonic Duration Control
- Digital Temperature Controller for Heating Control
- Sweeping Function & Adjustable Ultrasonic Power Intensity
- PLL Technology with Auto-Frequency Tracking & Adjustment
- Power Input: 440V, 3 Phase + E
- Water Drainage Piping & Valve in SS316
- Castor Wheel with Brakes for Easy Transportation or SS316L Base Structure for Vessels



| Model                                          | ALT-1681500-90H-3NN                 |
|------------------------------------------------|-------------------------------------|
| <b>Functional</b>                              |                                     |
| Frequency (kHz)                                | 168                                 |
| Capacity (Litres)                              | 90                                  |
| Ultrasonic Power (Watts)                       | 1500                                |
| Sweeping Function                              | Yes                                 |
| Power Intensity                                | 10 - 100% Adjustable                |
| Timer Function                                 | 1 - 60 mins / Infinity              |
| Immersion Heater Power (Watts)                 | 2000                                |
| Temperature Sensor Type                        | PT100                               |
| Temperature Range (Celsius)                    | 20 – 70 °C                          |
| Connected Power (Ampere)                       | 16 (4-pin)                          |
| Input Power                                    | AC 440V, 3 Phase + E, 50/60Hz       |
| Programmable HMI (Touchscreen)                 | Not Applicable                      |
| <b>Physical</b>                                |                                     |
| Internal Tank Dimension L x W x H (mm)         | 600 x 500 x 300                     |
| Overall External Tank Dimension w/o Valve (mm) | 772 x 592 x 640                     |
| Internal Tank Material                         | SS316L                              |
| External Tank Material                         | SS304                               |
| Net Weight (kg)                                | 78                                  |
| Water Inlet Valve                              | SS316, ½ Inch Full Ball Valve       |
| Drainage Valve Material                        | SS316, 1 ¼ Inch Full Ball Valve     |
| Power Cable Length                             | 3m with Quick Connector and UK Plug |
| <b>Basket</b>                                  |                                     |
| Basket Internal Dimension L x W x H (mm)       | 570 x 470 x 230                     |
| Basket Material                                | SS316L                              |
| Mesh Grid Size (mm²)                           | 25 x 25                             |
| <b>Optional</b>                                |                                     |
| High Density Basket Model                      | ABK-1681500-01                      |
| Mesh Grid Size (mm²)                           | 5 x 5                               |